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To Tammy Moore/R5/USEPA/US@EPA

cc

bcc

Subject Process Sheet for WPSC-Martins Ferry

History:

 This message has been replied to.

Hi Tammy, attached is a process sheet for the Wheeling Pittsburgh Steel plant at Martins Ferry, Belmont Co., OH. Feel free to contact me if you need additional information.



Take Care, John Rochotte



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## PROCESS DESCRIPTION/WASTE ACTIVITIES SUMMARY

**Facility Name:** Wheeling Pittsburgh Steel Corp. - Martins Ferry Plant

**Facility Type:** SQG/TSD **EPA ID#:** OHD010448231

Description of Waste				On-Site Management			Off-Site Management	
Process/Activity Generating Waste (e.g. plating bath, machining, baghouse, painting, etc)	Waste Generated (e.g. sludge, spent solvent, ash, etc)	EPA Waste Code	QTY Generated per Month	Type of Accumulation/ Storage (e.g. container, tank, etc)	Type of On- Site Treatment (recycle, wwt, etc)	Waste Location (Include map if possible)	Name, state, and type of activity occurring at the facility.	P2 Activities
1 treatment of galvanized steel	chemtreat waste	D007	1200 lbs/mo	roll-off box	NA	in "courtyard" between main mill building and former Plant #1 bldg.	Michigan Disposal stabilization/ disposal  Belleville, MI	NA
2 markings of finished steel	waste paint (ink)	F003 D001	<400 lbs/mo	drums in sat. accum. areas	NA	by the 60" 48" and 36" lines	Safety Kleen, Wheeling, WV fuel blending	NA
3 parts cleaning	spent solvent	D028/D039/ D040	80 lbs/mo	NA	NA	in various repair shops - electric, mechanic, etc.	Safety Kleen Wheeling, WV	NA
4 parts cleaning	industrial wipes	NA	220 lbs/mo	drums	NA	by parts washers	formerly went to SK for fuel blending	retested as non- hazardous

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5 equipment vehicles	used oil	NA	varies	drums totes	NA	storage shed on east side of main mill building	recycled at Wallover Oil	NA
6 vehicles	auto/tow motor batteries	NA	varies	NA	NA	in a room in the main mill building	tow motor batteries by S.K. auto batteries to Ohio Valley Auto Wheeling	NA
7 Lighting	fluorescent lights	NA	varies	boxes	NA	in a room in the main mill building	recycled thru Safety Kleen	NA
8 air pollution control	zinc dust	NA		roll-off box	NA	west side of mill building by baghouses	recycled by Zinc Corp. of America PA	NA
10 zinc pot maintenance	zinc skimmings	NA		box	NA	in main mill building	recycled by Zinc Corp. of America PA	NA

## REMARKS-GENERAL INFORMATION

### **General Process Information:**

Wheeling Pittsburgh Steel's Martins Ferry Plant galvanizes sheet steel and forms exterior roof and siding panels and trim. The plant has three continuous galvanizing lines (36", 48", 60") where the steel is first cleaned in alkali and acid baths, prepped in an ammonium chloride flux vat, pre-heated in vertical ovens, dipped in a "pot" of molten zinc, cooled, treated to prevent oxidation ("chemtreat") and either coiled or cut to specified length. Besides these operations, welding, electrical, machine, tow motor, boilerhouse and pipe fitting shops are also located on-site.

### **Hazardous Waste Storage Units:**

- (1) **Laydown Yard aka bone yard:** A piece of out-of-service equipment (ARCO system duct work) containing D008 hazardous waste was placed on this asphalt storage yard area from approximately 1990 until removed in July, 2001.
- (2) **Chem-treat Sump:** D007 hazardous waste is allowed to accumulate in a sump below the 48" chem-treat line. Future evaluation of the sump integrity is anticipated. Ohio EPA sampled the sump in January, 2007 and is currently awaiting analytical results.

### **Regulatory/Enforcement History (if applicable):**

This facility was last inspected by DHWM in November, 2001.